

Date: Wed, 3 Aug 94 00:41:48 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #869  
To: Info-Hams

Info-Hams Digest                      Wed, 3 Aug 94                      Volume 94 : Issue 869

Today's Topics:

   15mW QSO's  
Atlanta area 2 m 73 cm Repeater Frequencies Needed  
   Call Sign Server  
   Car warrantee and 2m radio  
Did CB's used to require licenses? (2 msgs)  
INFO WANTED: Alinco DJ-580T (2 msgs)  
INFO WANTED: Yaesu FT-530  
NOS like program for the Mac?  
   Ramsey SlyFox  
   RDF mapping  
REQUEST: Help finding WWV receiver!  
SWL QSLs and the bureaus (2 msgs)  
   Technician No Code

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 2 Aug 94 14:08:38 EDT  
From: psinntp!main03!landisj@uunet.uu.net  
Subject: 15mW QSO's  
To: info-hams@ucsd.edu

In article <Cto30u.2uC@hpcvsnz.cv.hp.com>, davidc@lsid.hp.com (David Cook) writes:  
>  
> I was just reading the write up for the ICOM IC-T21A and IC-T41A HT's in the  
> August QST ICOM advertisement. I quote from the ad:  
>

> "Auto Low Power Function - Automatically  
> selects 15mW just before battery exhaustion  
> so you can complete your QSO."  
>  
> Hmmm! How many situations have I been in where my battery is about to go  
> and I am close enough to the receiving antenna on the other end that 15mW  
> of power will do the job. Am I missing something here? 150mW I could maybe  
> start to believe.  
>

Granted, this was SSB, on HF, but...

I answered a CQ/QRP call on 10M about 10AM EDT on a quiet weekday morning about 3 weeks ago. I worked a Missouri station, from Eastern PA easily with 5 watts. He reduced power to 100mw, and he was still FB copy, although no meter. He then tried 20mw. He dropped, but was still very readable. In case you think we both had super stations, I run a low G5RV dipole and he was using a slinky dipole. My rig was Yaesu FT747GX. I've got his QSL at home, congratulating me on my good hearing, at 8000 mi/watt!

Joe - AA3GN

--

Joe Landis - System & Network Mgr. - North American Drager Co. Telford, PA  
landisj@drager.com | uupsi5!main03!landisj | AA3GN@WA3TSW.#EPA.PA.USA  
Opinions are mine only, and do not reflect those of my employer.  
...Munging Until No Good...

-----  
Date: 2 Aug 1994 17:23:07 -0400  
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net  
Subject: Atlanta area 2 m 73 cm Repeater Frequencies Needed  
To: info-hams@ucsd.edu

Can anyone tell me what the most active 2m and 73 cm repeater frequencies are in the Atlanta area? I will be there Thursday and plan on taking my ICOM dual band with me. Please e-mail me direct if you know of the active frequencies.

Thanks in advance,

Warren Whitby  
wwhitby@aol.com  
73s de KE4ITL

-----  
Date: Tue, 2 Aug 1994 16:28:21 GMT  
From: news!wrs.com!jerald@uunet.uu.net  
Subject: Call Sign Server

To: info-hams@ucsd.edu

benacp@netcom.com (Peter P. Benac) writes:

>already). What is the best way to get a 610 now a days. I have been inactive

If you call you regional office of the FCC (check the gov section of the white pages - or better yet call your local Howard Stern outlet and ask for the FCC phone number) and ask, they will mail you one.

--

Jerald R. Pendleton Email: jerald@wrs.com, Personal Email: jrpend@netcom.com  
The preceeding message represents only the opinon of the author. This do not represent the opinions/positions of Wind River Systems, my mother, my wife or my poodle.

-----  
Date: 2 Aug 1994 19:25:19 GMT  
From: world!news.bu.edu!david@uunet.uu.net  
Subject: Car warrantee and 2m radio  
To: info-hams@ucsd.edu

I am in the process of looking for a new car and someone brought up the possibility that installing a 2m rig might void a new car warrantee. His thought was that the radio might do damage to the cars computer and that having the radio might invalidate a provision of the warrantee.

I recently acquired an Icom IC-28h that puts out 45 watts at high power. I notice interference in my car radio when transmitting at high power, so there is some leakage going on. Do I have anything to worry about?

I guess there are two questions here: "Is there a chance of causing damage?" and "Am I in trouble just by putting it in the car?"

BTW I'm looking at the 94 Accord, Mazda 626, Mitsubishi Gallant, Taurus, Subaru Legacy, and Camry.

I have a hard time believing that it'll be a problem, but this is the place to ask. Please respond directly via e-mail. Thanks.

>David<

--

David R. Gagnon, MD MPH  
Boston University School of Public Health  
Boston, Massachusetts

david@med-busphed.bu.edu  
(617) 638-4457 [voice]  
(617) 638-4458 [fax]

"ecrivez l'infamie"

-----  
Date: 2 Aug 1994 11:14:16 GMT  
From: olivea!spool.mu.edu!howland.reston.ans.net!usenet.ins.cwru.edu!eff!  
cs.umd.edu!news.coop.net!news.den.mmc.com!iplmail.orl.mmc.com!mccartney!  
jcarter@ames.arpa  
Subject: Did CB's used to require licenses?  
To: info-hams@ucsd.edu

I had one back in 1968 - KTI-0078. In Cocoa Fl where I lived we used call  
signs all the time. I had a Johnson messenger 1 with 5 xtals. It was a tube  
type radio and would dim the headlights on my car when you talked.

If I remember right the fee was \$25.00 and you could have up to 6 units on  
one license.

0 0 000 0 0 000 00 0 0	James A. Carter	Jcarter@orl.mmc.com
0 0 0 0 0 0 0 0 0 0 0 0	FCC Lic. KD4PON	These views are my own and
00 0 0 0000 000 0 0 0 00	1-(407)356-5879	are in no way connected
0 0 0 0 0 0 0 0 0 00	Martin Mariettia	to MARTIN MARIETTIA.
0 0 000 0 0 00 0 0	Orlando, FL 32855	Thanks Jim

-----  
Date: 2 Aug 1994 11:54:57 GMT  
From: agate!howland.reston.ans.net!newsserver.jvnc.net!news.cac.psu.edu!  
news.pop.psu.edu!ra.nrl.navy.mil!usenet@ames.arpa  
Subject: Did CB's used to require licenses?  
To: info-hams@ucsd.edu

Our family had one of the last CB call signs back in the late 1970's.  
So many call signs had been issued that FCC had to start issuing call  
signs with four letters. We were issued KAA9730. About a year after  
receiving the call, licensing was abolished.

BTW, the licensing fee was \$18. (I think.)

-Dave

--

David Drumheller, KA3QBQ                      phone: (202) 767-3524  
Acoustics Division, Code 7140                fax: (202) 404-7732  
Naval Research Laboratory  
Washington, DC 20375-5350    e-mail: drumhell@claudette.nrl.navy.mil

-----  
Date: Tue, 02 Aug 1994 00:26:07 GMT

From: olivea!spool.mu.edu!howland.reston.ans.net!usenet.ins.cwru.edu!  
lerc.nasa.gov!kira.cc.uakron.edu!malgudi.oar.net!witch!doghouse!jsalemi@ames.arpa  
Subject: INFO WANTED: Alinco DJ-580T  
To: info-hams@ucsd.edu

In article <Ctv6IE.4sC@serval.net.wsu.edu>, Mike Wallendahl  
(i9261739@wsuaix.csc.wsu.edu) writes:  
>Anyone out there currently using the Alinco DJ-580T? I'm thinking of  
>making a purchase in the next few days, so prompt replies will be  
>appreciated.  
>

Congrats on passing the tests! I've had a DJ-580T for two years now,  
and it's a great little HT. I use mine in the car as well as  
pedestrian mobile, and it works really well on both bands. You'll  
want to replace the rubber duck antenna that comes with it, though,  
because it's not much above useless. I use a Diamond R77-B dual-band  
extended rubber duck and it works pretty good.

73...joe

-----  
Joe Salemi, KR4CZ                      Internet: jsalemi@doghouse.win.net  
Compuserve: 72631,23    FidoNet: 1:109/136    MCI Mail: 433-3961  
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Date: Tue, 2 Aug 1994 20:43:56 GMT  
From: netcomsv!netcom.com!dparker@decwrl.dec.com  
Subject: INFO WANTED: Alinco DJ-580T  
To: info-hams@ucsd.edu

kevin jessup (kevin.jessup@mixcom.mixcom.com) wrote:  
: In <Ctv6IE.4sC@serval.net.wsu.edu> i9261739@wsuaix.csc.wsu.edu (Mike Wallendahl)  
writes:

: >Help!

: >I am new to the world of ham radio, and want to get started. I am  
: >thinking of purchasing a handheld unit, and have just about fallen in  
: >love with the Alinco DJ-580T. It is a dual band 2M/440MHz unit.

: After living with the 580T for a year and a half, I must say that I  
: really love the ergonomics (mechanical and software) of the unit.

I hated mine and sold it within 6 months.

Intermod was horriable, scanning was real slow, too small for big fingers, gets hot fast. Should I go on?

Dave

```
*****
* Dave Parker    = KD6RRS =                *
* Tracy, California, USA                    *
* Internet e-mail: dparker@netcom.com       *
* Packet: KD6RRS@WA6YHJ.#NOCAL.CA.USA.NA   *
*****
```

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Date: 2 Aug 1994 19:06:14 GMT  
From: news.sprintlink.net!news.infi.net!usenet@uunet.uu.net  
Subject: INFO WANTED: Yaesu FT-530  
To: info-hams@ucsd.edu

In article <CtvJr3.Mr@serval.net.wsu.edu>, i9261739@wsuaix.csc.wsu.edu (Mike Wallendahl) says:

>I got lots of replies to my last query about the Alinco, and now I'm  
>leaning towards maybe a Yaesu. Anyone have any horrible experiences with  
>this radio?

>

>I found it for \$435. That a good price?

Mike,

I have been using a FT-530 for about a year now and think it is the best dual band HT available right now. It has extended RX/TX mods available that are easy to do.

Service is good--I dropped mine off of the roof while putting up a new HF antenna, it hit on the blacktop and broke the BNC antenna connection. Yaesu fixed it under warrenty even though I told them I dropped it. It was back in my hands in 10 days.

You can beat the price at AES.

73 de Sam, KE4FSM

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Date: 2 Aug 1994 13:10:49 -0400  
From: noc.near.net!chaos.dac.neu.edu!not-for-mail@uunet.uu.net  
Subject: NOS like program for the Mac?  
To: info-hams@ucsd.edu

In article <kleite-280794175009@155.95.178.237>,  
Keith J. Leite <kleite@sentry.ndhm.gtegsc.com> wrote:  
>In article <Anthony\_Pelliccio-280794095502@adis-204.adis.brown.edu>,  
>Anthony\_Pelliccio@brown.edu (Tony Pelliccio) wrote:  
>  
>> I'm trying to hook up 3 Macs to a SL/IP dedicated connection. I know that  
>> on DOS boxes you can use KA9Q's NOS but I'm curious if there's anything for  
>> a Mac?  
>>  
>  
> The sites that come to mind are ftp.ucsd.edu /hamradio/packet/tcpip/net I  
>believe. And you can also try sumex. I have been running the software for  
>about 2 years now and it works great with my SE/30. I know it support all  
>kinds of Mac's ....  
>  
> Good Luck de Keith  
>  
>  
>\*\*\*\*\*  
> Keith J Leite AA1JF  
> AX25 - AA1JF @ WA1PHY.#EMA.MA.USA.NA  
> AMPR - aa1jf@switch.sema.ampr.org  
> Internet - kleite@sentry.ndhm.gtegsc.com  
>  
>\*\*\*\*\*

You can also check out the Boston Amateur Radio Club archives:

[oak.oakland.edu:/pub/hamradio/mac](http://oak.oakland.edu:/pub/hamradio/mac)

Hope this helps.

73,  
Scott

--

Scott Ehrlich, Amateur Radio Callsign: wy1z wy1z@ka2jxi.ny [AX.25 Packet]  
How to reach me: wy1z@neu.edu [Internet], wy1z@k2cc.ampr.org [TCP/IP Packet]  
Boston ARC ftp archives: ftp oak.oakland.edu /pub/hamradio  
Boston ARC Web page: <http://www.acs.oakland.edu/barc.html>

-----  
Date: Tue, 2 Aug 94 11:18:09 PDT  
From: portal.com!portal!cup.portal.com!JoeMoell@uunet.uu.net  
Subject: Ramsey SlyFox  
To: info-hams@ucsd.edu

Responding to:  
7/31/94 23:30 31/1364 Cecil\_A\_Moore@ccm.ch.intel.com:

>You admit in the article that you were not at resonance at that  
>time.

No such admission. The final capacitor was peaked properly with all coils  
adjusted exactly as described in the manual. L4, the coil that actually  
caused the problem, was in the low-pass filter, not the final tank.

>When tuning a tank circuit, if the variable cap is at either min  
>or max, dollars to donuts you are not at resonance.

As a builder of many VHF transmitter kits, plus a few rigs from scratch,  
I'm well aware of that, tho sometimes it's hard to tell on those tiny  
little trimmers where the max/min points are <g>.

>My apology, I may have been hasty in the assumption that the SlyFox  
>>manual was just like the FX manual. I haven't seen a SlyFox manual.

So you have built a Ramsey two meter rig? Tell me about the manual's  
instructions for final tuneup. I'm curious how it differs from the SlyFox.  
Did you check it with a spectrum analyzer?

>The original problem was that based on a prepublication leak of your  
>article,

I didn't see that post. Can you tell me who posted it? I wonder if the  
writer was able to read the whole article in advance or just heard some-  
thing by word of mouth.

>someone said the SlyFox didn't meet FCC specs, and it does  
>when tuned properly.



True, and the big problem is that the manual does not give sufficient info to assure that it will be tuned properly. I stand by that.

>I think your review was subjective rather than objective

Please explain that remark. I made no judgement or conclusions, just stated my experiences factually. The only comment that seems subjectively critical to me was my disagreement with Ramsey's suggestion to poorly equipped hams that a light bulb is sufficient as a tuning indicator. But I value your opinion.

>but I admit to being old-fasioned... real hams don't cry.

I'm not crying for me. My concern is for the ham without access to a watt-meter and spectrum analyzer who builds this kit, follows the instructions to the letter, and ends up with a dirty signal. The bottom line is that if you don't properly tune the low pass filter on this rig (and there are no instructions for doing so), there is a good chance this will happen. What's more, the builder may never realize it.

73 de Joe K00V

-----  
Date: 2 Aug 1994 09:10:04 GMT  
From: agate!usenet.ins.cwru.edu!ns.mcs.kent.edu!kira.cc.uakron.edu!  
malgudi.oar.net!infinet!wvanho@ames.arpa  
Subject: RDF mapping  
To: info-hams@ucsd.edu

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:  
: In article <9407311509.AA02640@Aldus.NorthNet.org>  
: >down@NorthNet.org (Kirsten Down) writes:: >  
: >Our school is interested in creating some detailed maps of the forest in  
: >our area. The maps will be used for orienteering (kind of like cross  
: >country running through the woods, using a map and a compass to locate  
: >checkpoints) They need to show fairly small details, and I wonder what  
: >kind of results we could get with simple RDF equipment.

I can't believe you would actually consider building electronic equipment or use GPS, Loran, or other high-tech means to get a bunch of high-school students to draw a rough map of a woods you can easily walk through. Do you really need accuracy to the nearest inch? Gary suggested a theodolite and chains, instead. I suggest something much simpler. Get some pieces of rope, tie a knot every ten feet, pair off with each pair carrying a hand compass, and measure the bearing and distance to representative checkpoints. Run a circuit, and keep a

hand plot on paper.

When you are through, you will have rough plots throughout the forest and you can replot them all on a large grid of graph paper. You will see a scatter of points for each checkpoint because of the errors in each circuit, but I am sure you will be amazed at how small the scatter is.

I wonder if the next step in Boy Scouting will require that they carry microwave ovens with them on hikes! :-)

73, Van - W8UOF

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* * * * *
* It ain't wot ya don't know 't gets ya into trouble. *
* It's wot ya knot 't ain't true. - "Mr. Dooley"      *
* * * * *
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wvanho@infinet.com

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Date: Wed, 27 Jul 1994 21:19:43 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!cs.utexas.edu!news.tamu.edu!  
news.utdallas.edu!corpgate!nrtphaa9.nt.com!brtph560!hruska@network.ucsd.edu  
Subject: REQUEST: Help finding WWV receiver!  
To: info-hams@ucsd.edu

In article <316ff7\$8bq@hobbes.cc.uga.edu> mcovingt@aisun1.ai.uga.edu (Michael Covington) writes:

>

>Saurian (saur@char.vnet.net) wrote:

>: OK, I'm at my wits end. I have tried to locate a WWV receiver

>: that is not \$350.00 . I have scanned the ads in SKY&TEL, Astronomy

>: and the Ham radio mags for anything concerning a WWV receiver or

>: kit. I know Radio Shack used to sell them but THEY DO NOT SELL them

>: anymore. There was a review in SKY&TEL (Apr or May 1993)of a receiver

>: but I was unable to contact the company.

>

>

>All shortwave radios get WWV. What's the problem?

I'd imagine he wants to do more with the WWV data than just listen to it. This is where things get a bit more difficult.

--

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Subject: SWL QSLs and the bureaus  
To: info-hams@ucsd.edu

Hi, Roxanne [KD1DN]--

The answer to both questions is "yes" regarding the SWL cards.

They come in and go out just like the amateur QSL cards thru the DX bureaus. Similar to the amateur, too, this applies solely to DX [vs. local stateside] SWLs. 73,

Michael Christie, K7RLS/4  
Crawfordville, Florida

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Date: 2 Aug 1994 15:53:43 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!newsrelay.iastate.edu!news.iastate.edu!isuvax.iastate.edu!TWP77@network.ucsd.edu  
Subject: Technician No Code  
To: info-hams@ucsd.edu

It all depends on what you want to do. If you want to work CW you definitely need it. (That's a given...) If you want to work any HF, you'll need to learn it. If you want to become a VE, you'll need it. For DX in the HF bands, you'll need it.

However, if you just want to work on VHF and UHF, and you don't want to do anything the Technician license does not allow, then there is no reason to learn the code--unless you want to.

Personally, I think you should at least try to learn the code. You might surprise yourself and enjoy it. (Then, again, maybe not.) I found after learning it, and getting faster, that I really enjoy it. This is not true for everyone, but it is for me.

As for who to contact about a testing time, you can try the ARRL. They should know when the ARRL VE teams in your area will be giving exams.

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Date: Mon, 1 Aug 1994 18:27:50 GMT  
From: uunet.ca!uunet.ca!geac!torsqnt!problem!vigard!mdf@uunet.uu.net  
To: info-hams@ucsd.edu

References <slayCtsG7G.GH7@netcom.com>, <Ctsoot.1q4@news.Hawaii.Edu>,  
<slayCttA8n.30C@netcom.com>sqnt  
Subject : Re: What to do with old OST's

slay@netcom.com (Sandy Lynch) writes:

> I would contend that the "casual" ham visitor  
>to your local library is not going to have the kind of access to such  
>magazines that a campus/library employee might have .... hmmmmmmmm?

Any library worthy of the name will allow the general public to  
view the collection. This is the situation at the University of Toronto,  
Ryerson Polytechnic and other university libraries I have used in Toronto.  
[In particular, the Ryerson library has excellent collections of QST,  
73 and other related magazines going back to the stone age :). Wanna see em?  
Just walk on in.]

--

Matthew Francey  
"live before you die"

mdf@vigard.mef.org  
GPS(NAD27): N43o34.210' W079o34.563' +0093m

-----  
Date: Tue, 2 Aug 1994 05:45:00 GMT  
From: lll-winken.llnl.gov!uwm.edu!mixcom.com!Mike.VandeBunt@ames.arpa  
To: info-hams@ucsd.edu

References <319onr\$h8u@hobbes.cc.uga.edu>, <MONTA.94Jul30012813@pixel.mit.edu>,  
<31h20n\$h8h@starcomm.overleaf.com>  
Subject : Re: REQUEST: Help finding WWV receiver!

In <31h20n\$h8h@starcomm.overleaf.com> n2kra@starcomm.overleaf.com (Michael J.  
Ferrador N2KRA) writes:

> Heathkit (Ahh, the memories come back...) used to have "The Most  
>Accurate Clock" which would auto-lock to the strongest out of 5, 10  
>and 15Mhz and had an optional RS-232 output.

> I also remember seeing an ISA PC board setup, but much more  
>expensive (\$500). I don't remember who made it.

> Anyone seen products in this catagory?

Edmund Scientific has a clock that sets itself from WWV signals. I don't  
recall if it has RS-232 output.

--

Mike Vande Bunt (N9KHZ) Mike.VandeBunt@mixcom.com

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End of Info-Hams Digest V94 #869

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